

## ABSTRACT

A method for processing data for a system model including the steps of providing a model specification having a plurality of types of items including at least one first item type wherein associated data is obtained from data input into the system and at least one  
5 second item type wherein associated data is obtained from an operation performed on the data associated with at least one item stored in a first database, inputting data into the system, searching the input data for first item types, storing data associated with first item types in the first database, reading the or one of the second item types in a determining step including  
10 determining whether the first database includes the or each prerequisite item necessary to determine the one second item type by obtaining associated data from an operation performed on data associated with at least one item stored in the first data base, storing the one second item type in the first database if the or each prerequisite item is present, successively reading  
each other second item type and storing it in the first database if the or each prerequisite item is present in the first database and outputting an indication that the system model can be  
15 produced if items of the model specification are stored into the first database.